

ABSTRACT

A self-tapping implant for use in a jawbone includes a body with plural thread spirals arranged thereon; a conically tapering portion arranged at a front end of the body and having one or more bone-chip recesses therein which accommodate bone material cut off during a tapping operation. The bone-chip recesses are formed by removal of material from the plural thread spirals and body. At least in the conically tapering portion, the plural thread spirals are materially reduced, and each of the materially reduced threads have a cutting edge which extends inward from an outer edge of a respective remaining thread part. Each cutting edge of a number of associated cutting edges of the materially reduced threads have a pointed shape which, in a cross section thereof, essentially follows a line which deviates from a first radius through a point of the pointed shape of the respective remaining thread part.